Counting Keywords

Write a program that accepts a keyword on one line, and a sentence on the second line.

Then, count how many times the keyword appears in that sentence.

Note: Assume that keywords consist of only English alphabets, and the input sentence may contain English letters, numbers, and symbols such as " ( ) , . or '.

Input

Two lines of string. The first line is the keyword, the second line is the sentence.

Output

The number of times the keyword appeared in the sentence. (Case sensitive.)

Example

Input (from keyboard)	Output (on screen)
the The word "the" is one of the most common words in English.	2
Sadet "Phra Sadet" tham "Phra Sadet" wa ja sadet rue mai sadet.	2